

# ARB NOTICE

No. 20

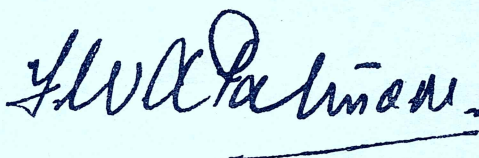
Issue 1.

12th February, 1968.

## MACAULEY 2 AND 3-BLADED CONSTANT SPEED PROPELLERS

- 1 Several incidents have been reported where the cylinder attachment screws on Macauley 2 and 3-bladed constant speed propellers have failed and the cylinder has been blown off the hub by low pressure. If this occurs there is a possibility of loss of engine oil and the blade angle may change to an extremely low value. The low blade angle can cause excessive engine RPM and may result in low thrust, such that level flight cannot be maintained.
- 2 The Macauley Industrial Corporation has issued Service Bulletin No. 66 detailing the corrective action required to prevent this occurrence. The Service Bulletin lists the propeller models affected and the aircraft models on which they may be installed. Copies of the Bulletin may be obtained from the Macauley Industrial Corporation, Division of Cessna Aircraft Company, 1840 Howell Avenue, Dayton 17, P.O. Box 7, Ohio, U.S.A.
- 3 Macauley Service Bulletin No. 66 is classified as mandatory by the ARB and compliance is required at the times stated in the Bulletin.

By Order of the Air Registration Board,



Secretary.

Brabazon House,  
Redhill,  
Surrey.

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